

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP073120\
 Data File : BP002896.D
 Acq On : 31 Jul 2020 17:08
 Operator : CG/JU
 Sample : L3518-13
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-6

Quant Time: Jul 31 18:18:32 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP073020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 30 15:30:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	524733	20.00	ng	0.00
21) Naphthalene-d8	10.49	136	2002167	20.00	ng	0.00
39) Acenaphthene-d10	14.35	164	1142904	20.00	ng	0.00
64) Phenanthrene-d10	17.10	188	2237209	20.00	ng	0.00
76) Chrysene-d12	21.19	240	1646143	20.00	ng	0.00
86) Perylene-d12	23.46	264	1785711	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	3116878	90.91	ng	0.00
7) Phenol-d6	6.89	99	3539556	74.36	ng	0.00
23) Nitrobenzene-d5	8.86	82	3209267	86.82	ng	0.00
42) 2,4,6-Tribromophenol	15.85	330	1539340	108.37	ng	0.00
45) 2-Fluorobiphenyl	12.97	172	6489007	77.57	ng	0.00
79) Terphenyl-d14	19.68	244	7801369	94.88	ng	0.00

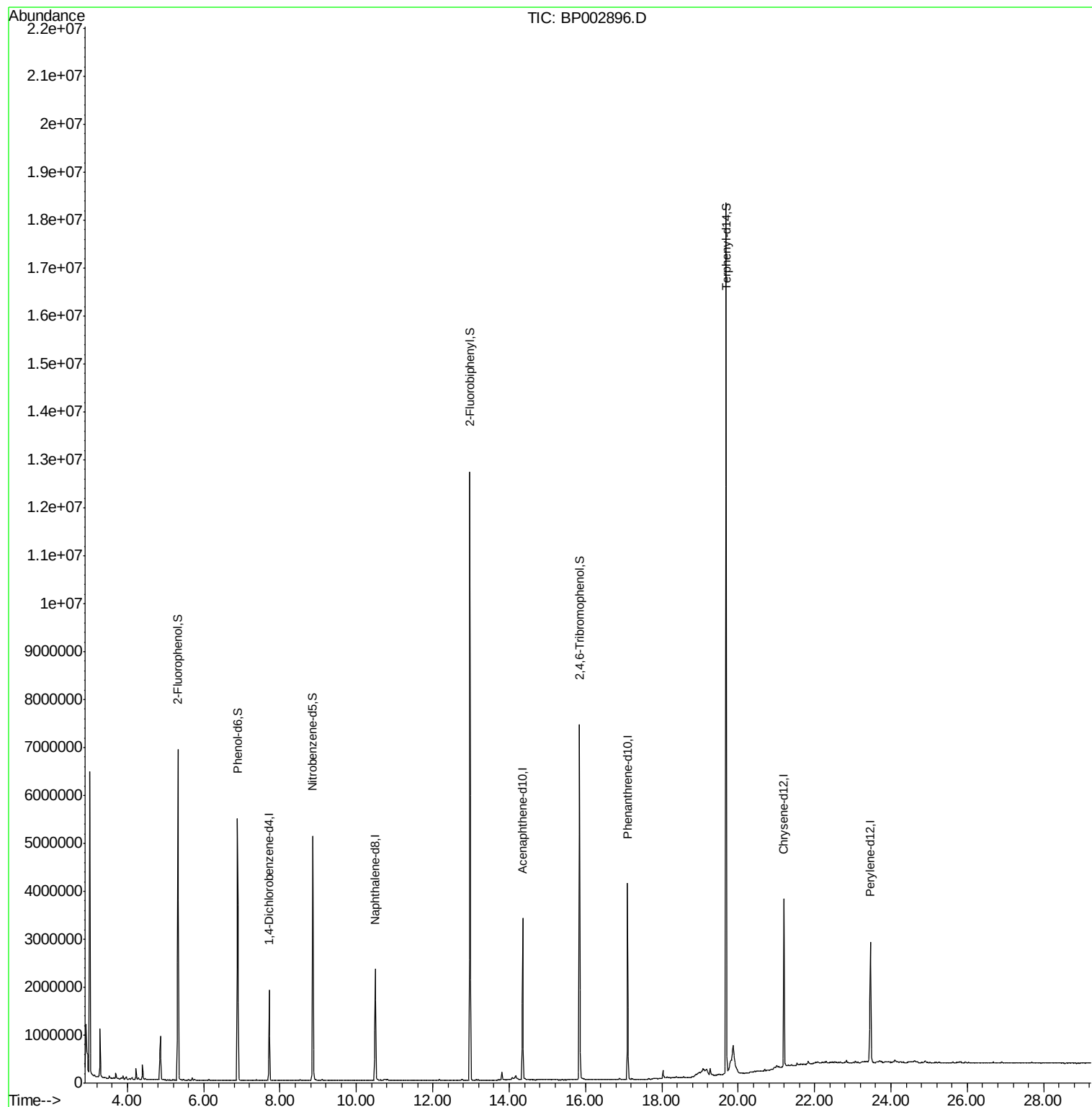
Target Compounds Qvalue

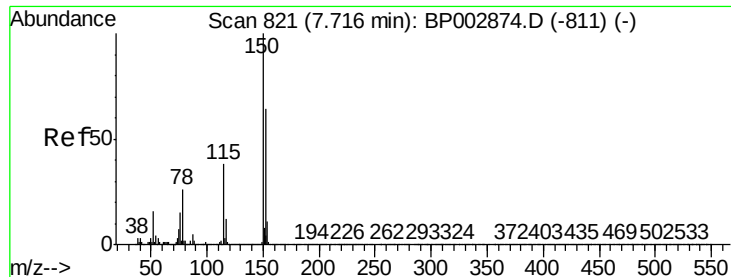
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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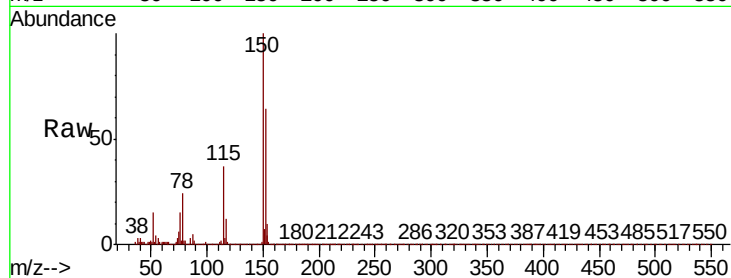


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.72 min Scan# 821
Delta R.T. 0.00 min
Lab File: BP002896.D
Acq: 31 Jul 2020 17:08

Instrument :
BNA_P
ClientSampleId :
TP-6

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.9	124.8	187.2
115	58.3	47.4	71.2

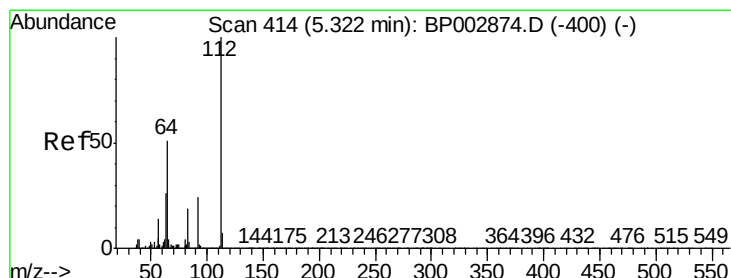
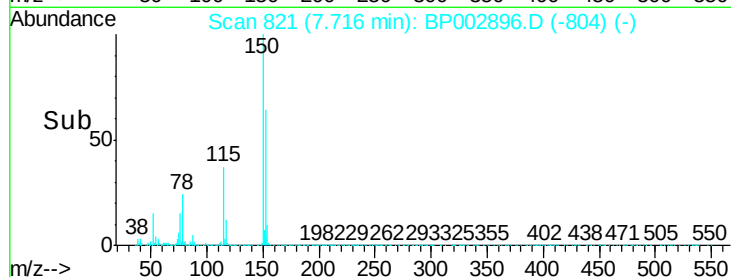
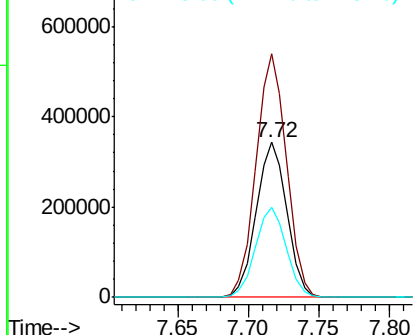


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

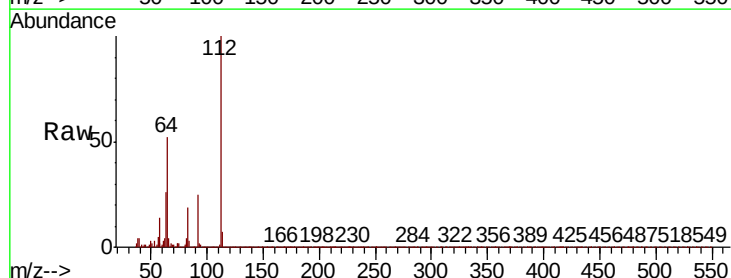
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 90.910 ng
RT: 5.32 min Scan# 414
Delta R.T. 0.00 min
Lab File: BP002896.D
Acq: 31 Jul 2020 17:08

Tgt Ion	Ratio	Lower	Upper
112	100		
64	51.5	41.0	61.6
63	25.8	20.7	31.1

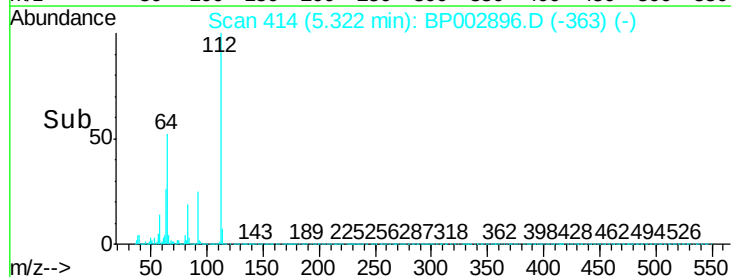
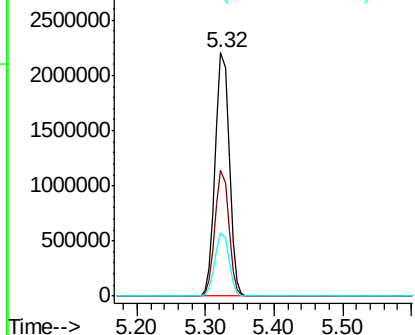


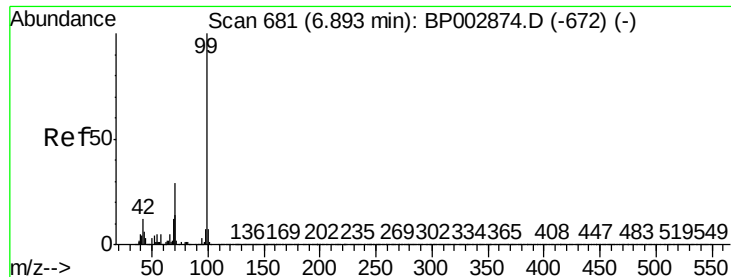
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0





#7

Phenol-d6

Concen: 74.360 ng

RT: 6.89 min Scan# 680

Delta R.T. -0.01 min

Lab File: BP002896.D

Acq: 31 Jul 2020 17:08

Instrument :

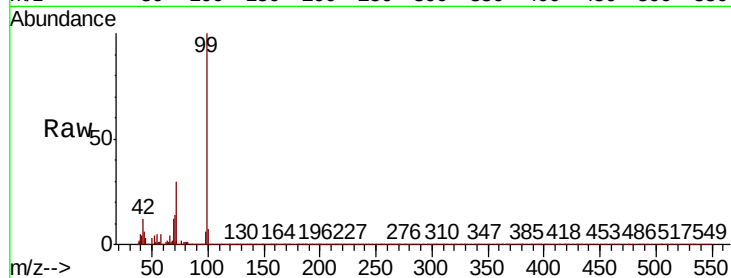
BNA_P

ClientSampleId :

TP-6

Tot Ion: 99 Resp: 3539556

Ion	Ratio	Lower	Upper
99	100		
42	11.8	9.3	13.9
71	30.1	23.5	35.3



Abundance

Ion 99.00 (98.70 to 99.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 71.00 (70.70 to 71.70): BP0

3000000

2500000

2000000

1500000

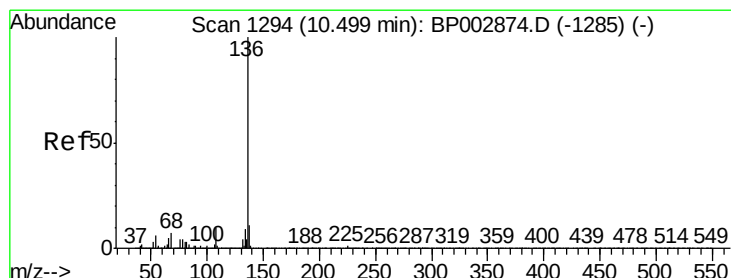
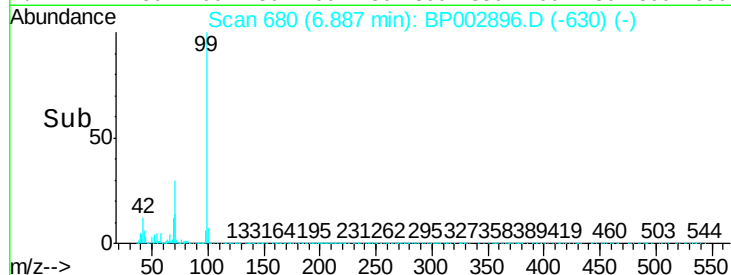
1000000

500000

0

6.89

Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.49 min Scan# 1293

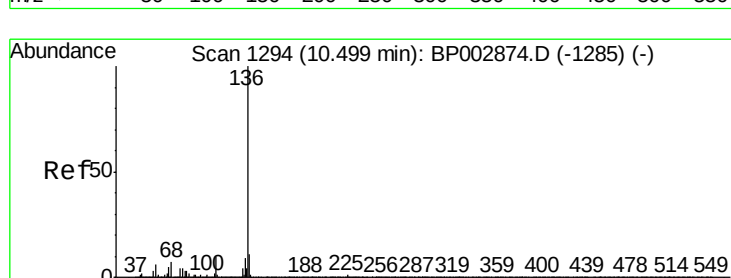
Delta R.T. -0.01 min

Lab File: BP002896.D

Acq: 31 Jul 2020 17:08

Tgt Ion: 136 Resp: 2002167

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	6.1	5.1	7.7
68	6.2	5.3	7.9



Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BP0

Ion 68.00 (67.70 to 68.70): BP0

1500000

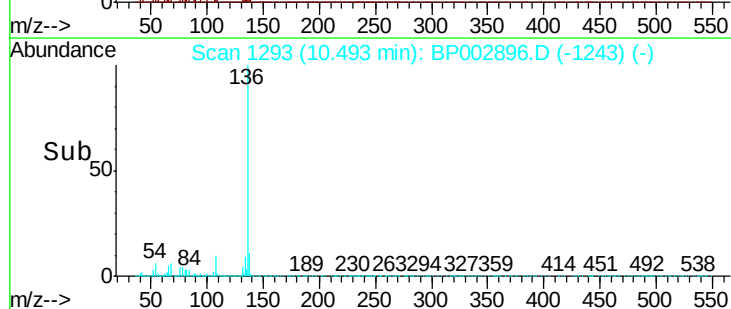
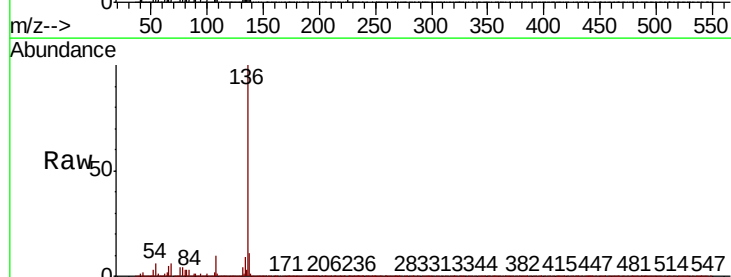
1000000

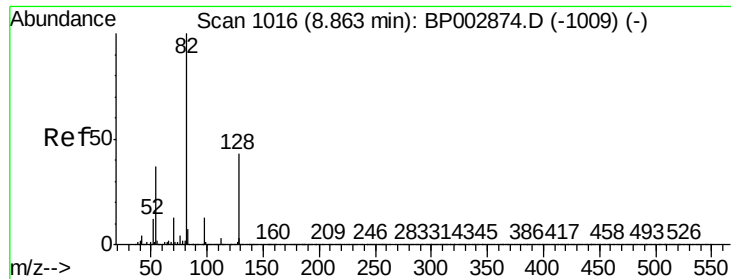
500000

0

10.49

Time-->

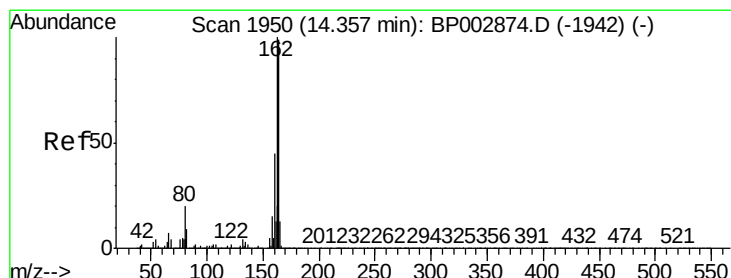
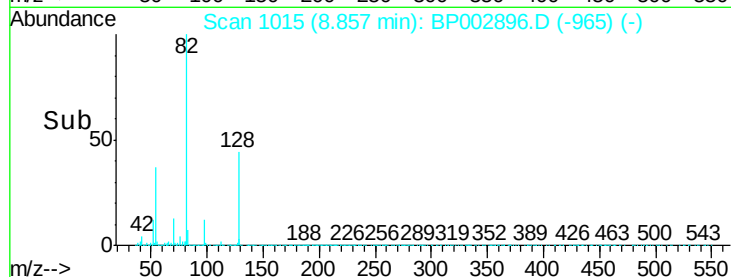
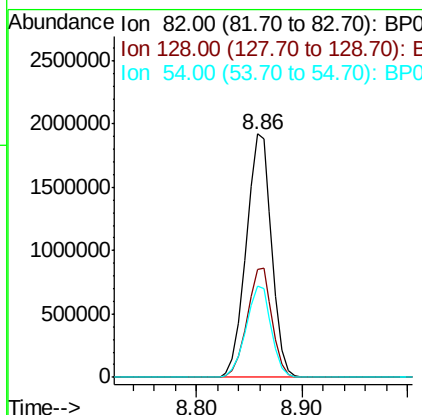
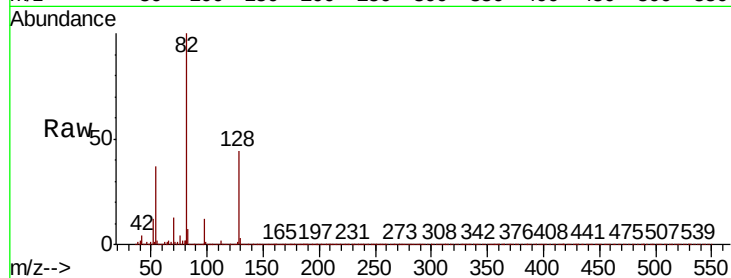




#23
Nitrobenzene-d5
Concen: 86.817 ng
RT: 8.86 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BP002896.D
Acq: 31 Jul 2020 17:08

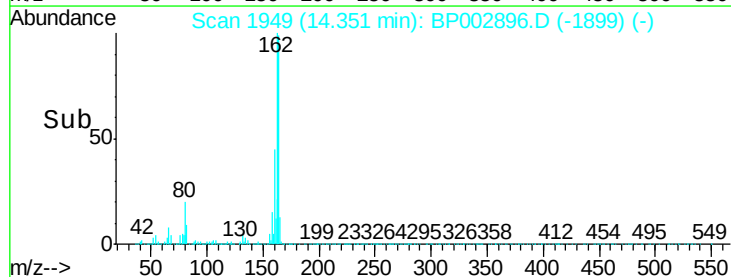
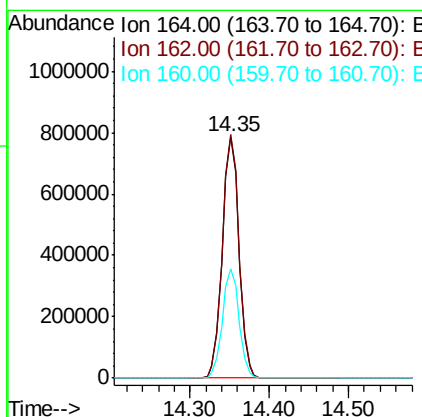
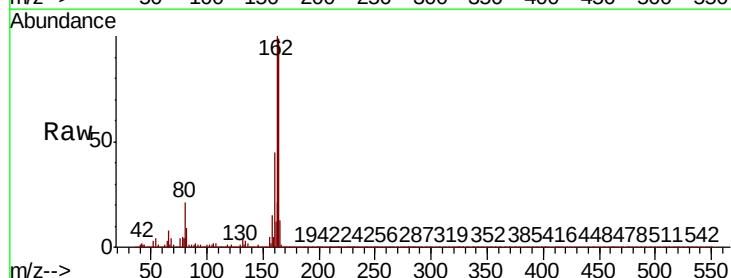
Instrument :
BNA_P
ClientSampled :
TP-6

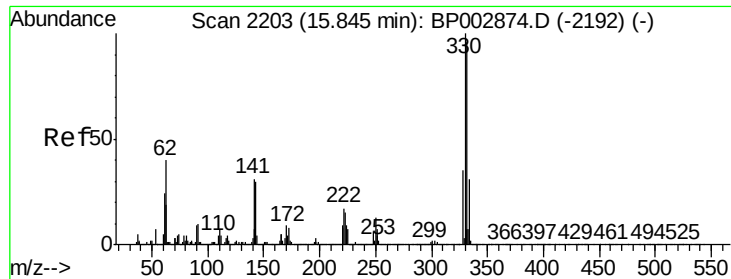
Tot Ion: 82 Resp: 3209267
Ion Ratio Lower Upper
82 100
128 44.2 34.6 52.0
54 37.3 29.5 44.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.35 min Scan# 1949
Delta R.T. -0.01 min
Lab File: BP002896.D
Acq: 31 Jul 2020 17:08

Tgt Ion:164 Resp: 1142904
Ion Ratio Lower Upper
164 100
162 100.8 81.0 121.6
160 45.4 36.2 54.4

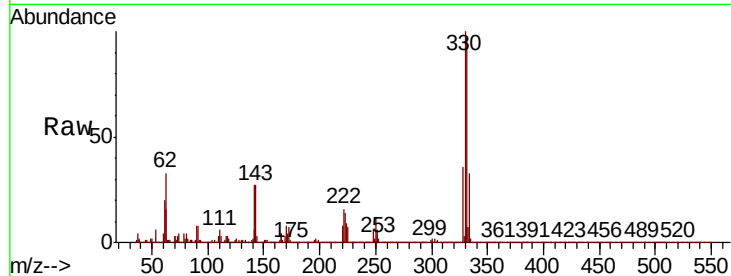




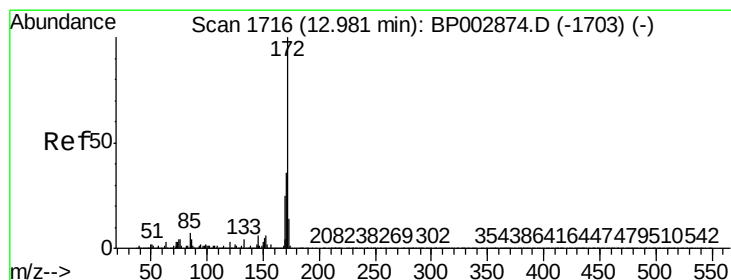
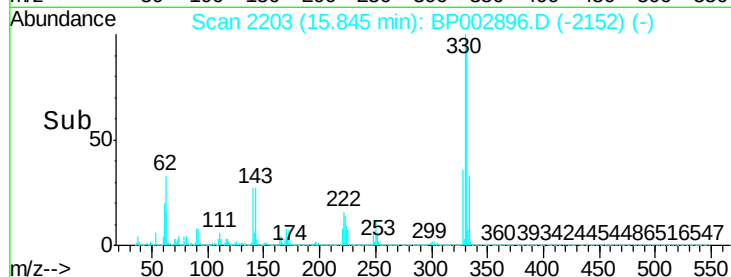
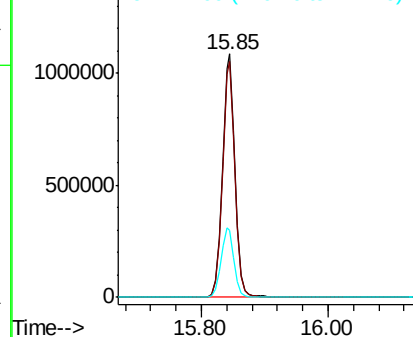
#42
2,4,6-Tribromophenol
Concen: 108.366 ng
RT: 15.85 min Scan# 2203
Delta R.T. 0.00 min
Lab File: BP002896.D
Acq: 31 Jul 2020 17:08

Instrument :
BNA_P
ClientSampled :
TP-6

Tot Ion:330 Resp: 1539340
Ion Ratio Lower Upper
330 100
332 97.0 77.1 115.7
141 29.5 24.6 37.0

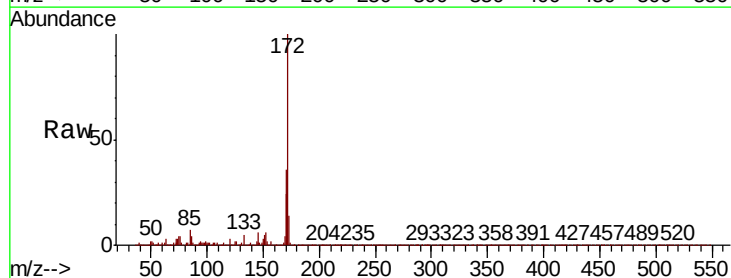


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

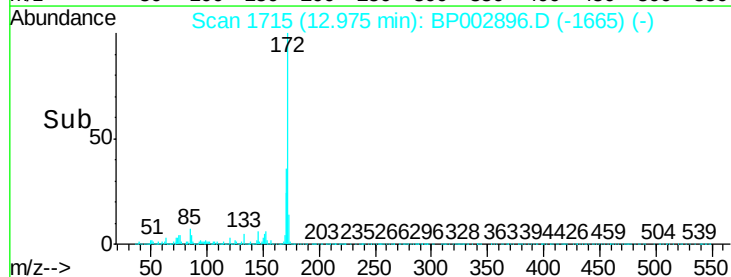
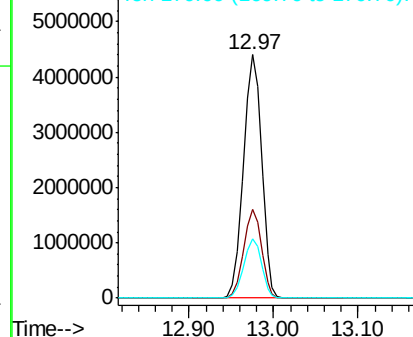


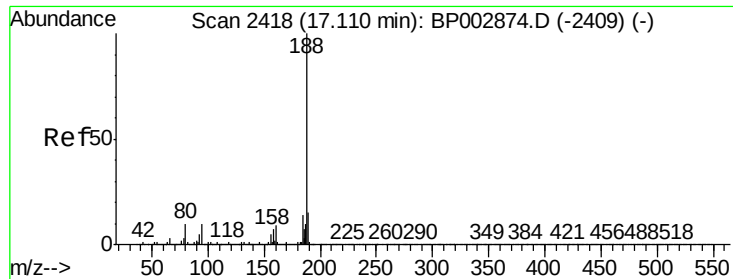
#45
2-Fluorobiphenyl
Concen: 77.574 ng
RT: 12.97 min Scan# 1715
Delta R.T. -0.01 min
Lab File: BP002896.D
Acq: 31 Jul 2020 17:08

Tgt Ion:172 Resp: 6489007
Ion Ratio Lower Upper
172 100
171 36.4 29.1 43.7
170 24.5 19.6 29.4



Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.10 min Scan# 2417

Delta R.T. -0.01 min

Lab File: BP002896.D

Acq: 31 Jul 2020 17:08

Instrument :

BNA_P

ClientSampleId :

TP-6

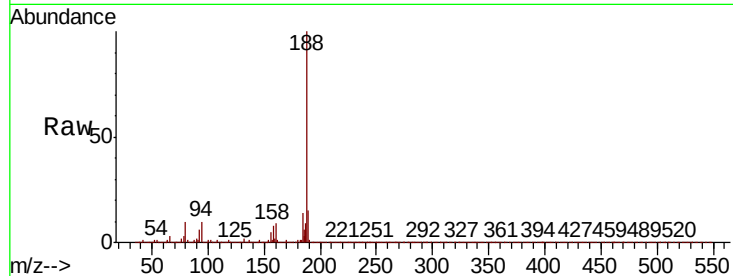
Tot Ion:188 Resp: 2237209

Ion Ratio Lower Upper

188 100

94 9.6 7.8 11.6

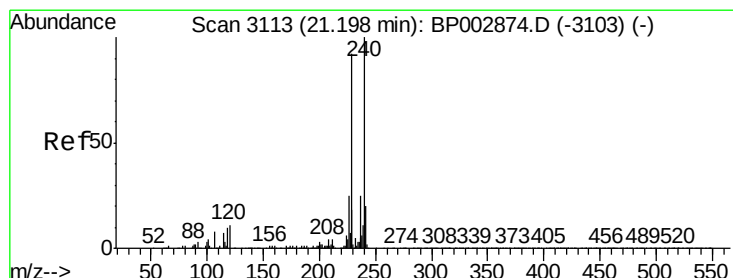
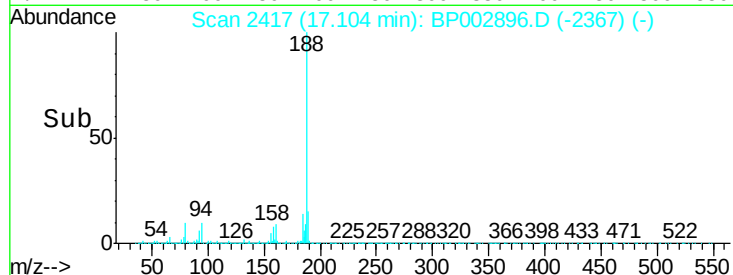
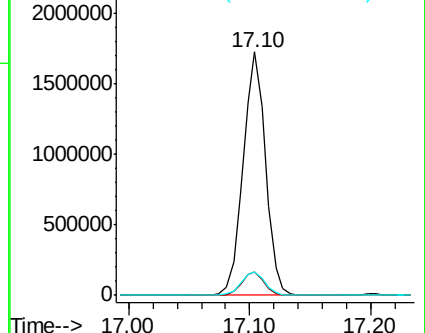
80 9.8 8.0 12.0



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BP0

Ion 80.00 (79.70 to 80.70): BP0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.19 min Scan# 3112

Delta R.T. -0.01 min

Lab File: BP002896.D

Acq: 31 Jul 2020 17:08

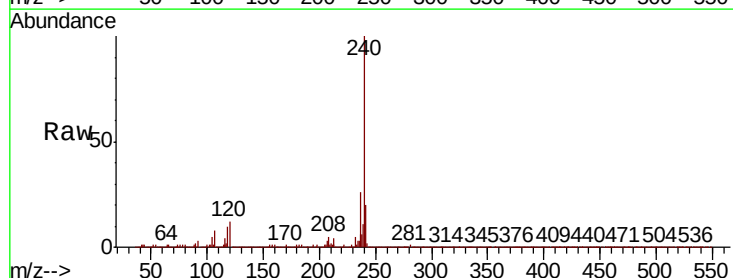
Tgt Ion:240 Resp: 1646143

Ion Ratio Lower Upper

240 100

120 11.6 8.9 13.3

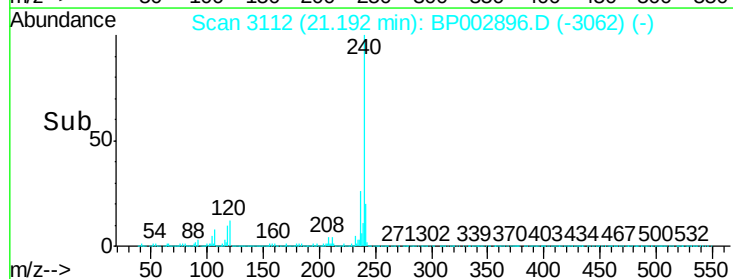
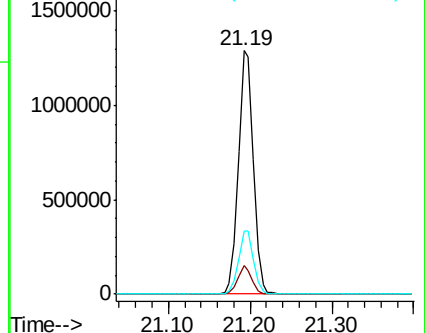
236 25.9 20.3 30.5

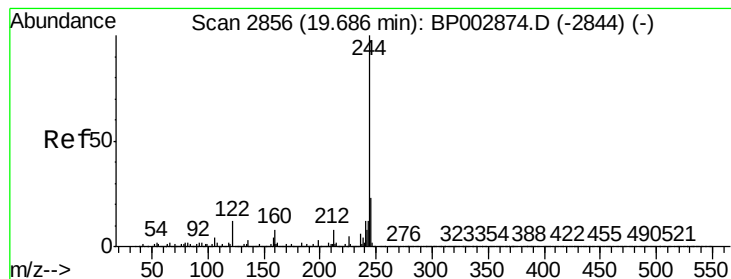


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 94.876 ng

RT: 19.68 min Scan# 2855

Delta R.T. -0.01 min

Lab File: BP002896.D

Acq: 31 Jul 2020 17:08

Instrument :

BNA_P

ClientSampleId :

TP-6

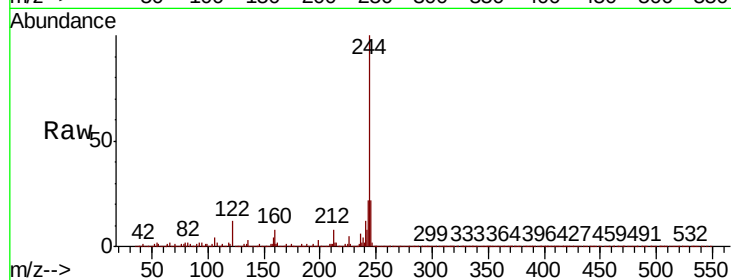
Tot Ion:244 Resp: 7801369

Ion Ratio Lower Upper

244 100

212 7.7 6.4 9.6

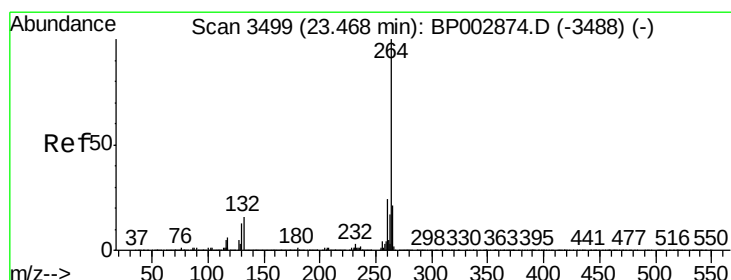
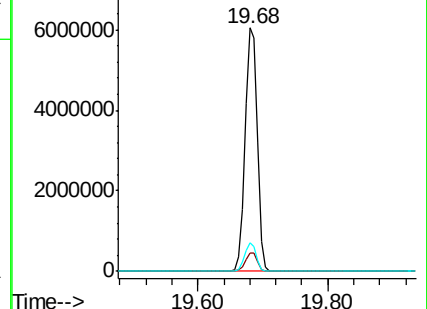
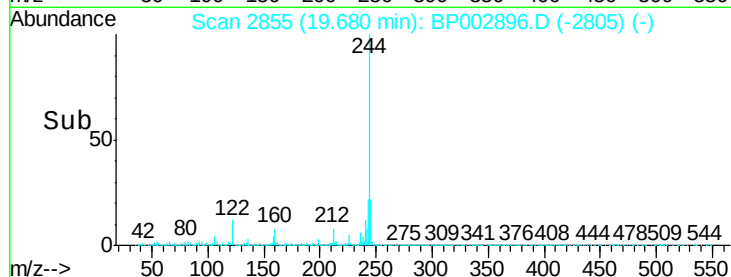
122 11.6 9.4 14.2



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.46 min Scan# 3498

Delta R.T. -0.01 min

Lab File: BP002896.D

Acq: 31 Jul 2020 17:08

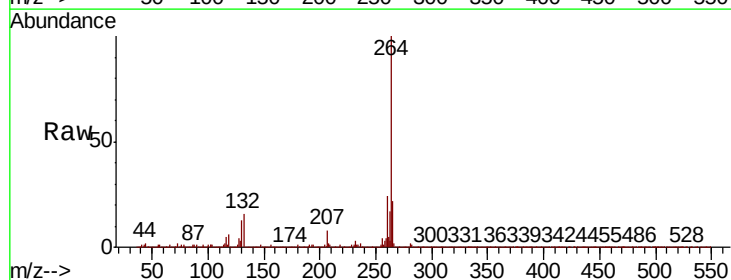
Tgt Ion:264 Resp: 1785711

Ion Ratio Lower Upper

264 100

260 24.2 19.0 28.6

265 21.5 17.0 25.4



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

